

PTC/SB/08A(10-01)
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work Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 14494 TOPMAN INFORMATION DISCLOSURE Complete if Known 10/534,323 10/073,772 **Application Number** STATEMENT BY APPLICANT (Use as many sheets as necessary) May 9, 2005 Filing Date Seo, Jin **First Named Inventor Group Art Unit** 2624 **Examiner Name** Unknown Attorney Docket No: 2167.008US1 Sheet 1 of 5

		US PAT	ENT DOCUMENTS	
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-20010004338A1	06/21/2001	Yankowski, Carl J.	10/30/1997
	US-20020023020A1	02/21/2002	Kenyon, Stephen , et al.	07/13/2001
	US-20020033844A1	03/21/2002	Levy, K. L., et al.	09/11/2001
	US-20030023852A1	01/30/2003	Wold, E. H.	07/09/2002
	US-20030028796A1	02/06/2003	Roberts, Dale , et al.	07/31/2002
	US-20030033321A1	02/13/2003	Schrempp, James B., et al.	10/23/2001
	US-20030086341A1	05/08/2003	Wells, Maxwell, et al.	07/22/2002
	US-20040028281A1	02/12/2004	Cheng, S., et al.	08/06/2002
	US-20040172411A1	09/02/2004	Herre, J., et al.	01/08/2004
	US-20060041753A1	02/23/2006	Haitsma, J. A.	08/11/2003
	US-20060206563A1	09/14/2006	Van De Sluis, B. M.	05/12/2006
	US-20070106405A1	05/10/2007	Cook, R. E., et al.	08/21/2006
	US-4,677,466	06/30/1987	Lert, Jr., John G., et al.	07/29/1985
	US-5,019,899	05/28/1991	Boles, Glenn M., et al.	11/01/1998
	US-5,113,383	05/12/1992	Amemiya, Naomi , et al.	02/13/1990
	US-5,276,629	01/04/1994	Reynolds, Kentyn	08/14/1992
	US-5,400,261	03/21/1995	Reynolds, Kentyn	09/07/1993
	US-5,436,653	07/25/1995	Ellis, Michael D., et al.	04/30/1992
	US-5,499,294	03/12/1996	Friedman, Gary L.	05/24/1995
	US-5,612,729	03/18/1997	Ellis, Michael D., et al.	06/07/1995
	US-5,616,876	04/01/1997	Cluts, Jonathan C.	04/19/1995
	US-5,621,454	04/15/1997	Ellis, Michael D., et al.	06/07/1995
	US-5,703,795	12/30/1997	Mankovitz, Roy	06/07/1995
	US-5,767,893	06/16/1998	Chen, Ming-Syan , et al.	10/11/1995
	US-5,822,436	10/13/1998	Rhoads, Geoffrey B.	04/25/1996
	US-5,893,910	04/13/1999	Martineau, Pierre G., et al.	01/04/1996
	US-5,925,843	07/20/1999	Miller, Alan A., et al.	02/12/1997
	US-5,960,081	09/28/1999	Vynne, T. , et al.	06/05/1997
	US-5,987,525	11/16/1999	Roberts, Dale T., et al.	04/15/1997
	US-6,034,925	03/07/2000	Wehmeyer,	12/02/1996
	US-6,061,680	05/09/2000	Scherf, Steven D., et al.	07/16/1999
	US-6,076,111	06/13/2000	Chiu, C., et al.	10/24/1997
	US-6,195,693	02/27/2001	Berry, Richard E., et al.	11/18/1997
	US-6,201,176	03/13/2001	Yourlo, Zhenya	04/21/1999
	US-6,240,459	05/29/2001	Roberts, D. T., et al.	07/16/1999
	US-6,247,022	06/12/2001	Yankowski, Carl	07/31/2000
	US-6,266,429	07/24/2001	Lord, William P., et al.	09/23/1998
	US-6,272,078	08/07/2001	Yankowski, Carl	10/30/1997
	US-6,345,256	02/05/2002	Milsted, Kenneth , et al. 12	/01/1998
	US-6,388,957	05/14/2002	Yankowski, Carl	11/13/1997

EXAMINER DATE CONSIDERED

PTO/SB/08A(10-01)
Approved for use through 10/31/2002. OMB 651-0031
US Patent & Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO INFORMATION DISCLOSURE	Complete if Known		
STATEMENT BY APPLICANT	Application Number	10/534,323 10/073,772	
Use as many sheets as necessary)	Filing Date	May 9, 2005	
	First Named Inventor	Seo, Jin	
	Group Art Unit	2624	
	Examiner Name	Unknown	
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US PATENT DOCUMENTS				
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-6,388,958	05/14/2002	Yankowski, Carl	06/23/2000
	US-6,505,160	01/07/2003	Levy, Kenneth , et al.	05/02/2000
·	US-6,748,533	06/08/2004	Wu, Jlankang , et al.	01/30/1999
	US-6,829,368	12/07/2004	Meyer, Joel R., et al.	01/24/2001
	US-6,941,275	09/06/2005	Swierczek, R.	10/05/2000
	US-6,983,289	01/03/2006	Commons, Christopher , et al.	12/05/2001
	US-6,990,453	01/24/2006	Wang, A. L., et al.	04/20/2001
	US-7,082,394	07/25/2006	Burges, C., et al.	06/25/2002
	US- US20020059208A1	05/16/2002	Abe, Mototsugu , et al.	07/26/2001
	US- US20020116195A1	08/22/2002	Pitman, Michael C., et al.	02/21/2002

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T²	
	DE-4309957	07/14/1994	Schulze, K.		
	EP-0283570A3	09/28/1988	Kiewit, David , et al.		
	EP-0319567B1	02/10/1993	Kenyon, Stephen C., et al.		
	EP-0367585A2	05/09/1990	Boles, Glenn M., et al.		
	EP-0936531A2	08/18/1999	Shinoda, Takashi , et al.		
	GB-2338869A1	12/29/1999	Tsuria, Yossef, et al.		
	JP-2001283568A2	10/12/2001	FUJITA, YOSHIHIRO		
	WO-0128222	04/19/2001	Lau, Jack , et al.		
	WO-0211123A3	02/07/2002	Wang, Avery L., et al.		
	WO-03012695A2	02/13/2003	Roberts, Dale T., et al.		
	WO-2004077430	02/18/2004	Haitsma, J. A., et al.		
	WO-2006044622	04/27/2006	Ryan, John O., et al.		
	WO-9935771	07/15/1999	Ritter, R		
	WO-O9825269	06/11/1998	Wehmeyer, Keith R.		

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		The MusicBrainz Mailing List Archive for Nov. 2000, 30 pgs	i
		"Application Serial No. 09/933,845 (Atty Ref 2167.003US1) Final Office Action mailed 5-19-2005", 10 pgs	
		"Application Serial No. 09/933,845 (Atty Ref 2167.003US1) Final Office Action mailed 7-3-2007", 15 pgs	

EXAMINER DATE CONSIDERED

Substitute for form 1449A/PTO Complete if Known INFORMATION DISCLOSURE **Application Number** 10/534,323 10/073,773 STATEMENT BY APPLICANT (Use as many sheets as necessary) May 9, 2005 Filing Date **First Named Inventor** Seo, Jin **Group Art Unit** 2624 **Examiner Name** Unknown Attorney Docket No: 2167.008US1 Sheet 3 of 5

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ²
		"Application Serial No. 09/933,845 (Atty Ref 2167.003US1) Final Office Action mailed 7-5-2006", 14 pgs	
		"Application Serial No. 09/933,845 (Atty Ref 2167.003US1) Non Final Office	1
		Action mailed 1-3-2006", 9 pgs	
		"Application Serial No. 09/933,845 (Atty Ref 2167.003US1) Non Final Office	
		Action mailed 10-27-2004", 7 pgs	
		"Application Serial No. 09/933,845 (Atty Ref 2167.003US1) Non Final Office	
		Action mailed 11-30-2006", 15 pgs	
		"Application Serial No. 09/933,845 (Atty Ref 2167.003US1) Response filed 1-	
		27-2005 to Non Final Office Action mailed 11-27-2004", 8 pgs "Application Serial No. 09/933,845 (Atty Ref 2167.003US1) Response filed 3-	
		28-2006 to non-final office action mailed 1-3-2006", 9 pgs	
		"Application Serial No. 09/933,845 (Atty Ref 2167.003US1) Response filed 3-	
		30-2007 to Non Final Office Action mailed 11-30-2006", 8 pgs	
		"Application Serial No. 10/073,772 (Atty. Ref. 2167.004US1) Advisory Action	
		mailed 07-28-2006", 3 pgs	
		"Application Serial No. 10/073,772 (Atty. Ref. 2167.004US1) Final Office Action	
		mailed 04-06-2006", 21 pgs	<u> </u>
		"Application Serial No. 10/073,772 (Atty. Ref. 2167.004US1) Non Final Office	
		Action mailed 09-19-2005", 13 pgs	
		"Application Serial No. 10/073,772 (Atty. Ref. 2167.004US1) Notice of	
		Allowance mailed 02-28-2007", 6 pgs	-
		"Application Serial No. 10/073,772 (Atty. Ref. 2167.004US1) Notice of Allowance mailed 08-09-2007", NOAR,10 pgs	
		"Application Serial No. 10/073,772 (Atty. Ref. 2167.004US1) Notice of	-
		Allowance mailed 09-06-2006", 5 pgs	
		"Application Serial No. 10/073,772 (Atty. Ref. 2167.004US1) Response filed	
		03-17-2006 to Non Final Office Action mailed 09-19-2005", 12 pgs	
		"Application Serial No. 10/073,772 (Atty. Ref. 2167.004US1) Response filed	
		07-06-2006 to Final Office Action mailed 04-06-2006", 8 pgs	
		"Application Serial No. 10/073,772 (Atty. Ref. 2167.004US1) Response filed	
		08-07-2006 to Advisory Action mailed 07-28-2006", 3 pgs	L
		"Application Serial No. 10/533,211 (Atty Ref 2167.007US1) Non Final Office	
		Action mailed 11-14-2006", 9 pgs	_
		"Application Serial No. 10/533,211 (Atty Ref 2167.007US1) Non Final Office	
		Action mailed 6-12-2007", 8 pgs "Application Serial No. 10/533,211 (Atty Ref 2167.007US1) Response filed 3-	\vdash
		14-2007 to non-final office action mailed 11-14-2006", 8 pgs	
		"Application Serial No. 10/548,702 (Atty Ref. 2167.010us1) Response filed	\vdash
		08/29/2007 to Non-Final Office Action mailed 06/21/2007", 64	

EXAMINER	DATE CONSIDERED

PTO/SB/08A(10-01)
Approved for use through 10/31/2002. OMB 651-0031
US Patent & Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO	Complete if Known	required to respond to a collection of information unless it contains a valid OMB control number.
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	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		"Application Serial No. 10/548,702 (Aty Ref 2167.010US1) Non-Final Office	
		Action mailed 6/21/07", 18 pgs	ļ
		"Application Serial No.10/533,211 (Atty Ref 2167.007Us1), Response filed 10/01/2007 to Non-Final Office Action mailed 06/12/2007", 12 pgs.	
		"European Application Serial Number 01 976124 Office Action dated March 16, 2007", (March 16, 2007),5 pgs	, ,
		"European Patent Application No. 03737399.0 Office Action", (3/26/2007),	
	 	"Generic coding of moving pictures and associated audio information, part 2",	
		ISO/IEC, (1995),	
		"International Application No. PCT/EP01/09623 International Search Report mailed", (07/02/2002),4 pages	
		BRODER, A. Z., et al., "Syntactic clustering of the Web", Computer Networks and ISDN Systems, 29(8-13), (Sep., 1997),1157-1166	
		CHEUNG, D., et al., "A content-based search engine on medical images for	
		telemedicine", Proceedings of the 21st International Computer Software and	
		Applications Conference, (Aug. 13, 1997),569-572	
		HAITSMA, J., et al., "A Highly Robust Audio Fingerprinting System", ISMIR	
		2002 - 3rd International Conference on Music Information Retrieval,	
		http://ismir2002.ismir.net/proceedings/02-fp04-2.pdf,(Oct. 17, 2002),1-9	
		HAITSMA, JAAP, "Robust Audio Hashing for Content Identification", Philips	
		Research, 8 pages	<u> </u>
•		HAITSMA, J. A., et al., "Robust Hashing of Multimedia Content", (12/14/00),10 pgs	
		KURTH, FRANK, et al., "Full-Text Indexing of Very Large Audio Data Bases",	
		Audio Engineering Society Convention Paper, 110th Convention, Amsterdam, (May 2001),1-11	
		LIENHART, R., "Automatic text recognition for video indexing", <u>Proceedings of</u> the Fourth ACM International Conference on Multimedia, (1997),11-20	
		MARTIN, KEITH D., et al., "Music Content Analysis through Models of Audition", (1998),8 pgs	
		MCNAB, RODGER J., et al., "Towards the digital music library: tune retrieval	
		from acoustic input", Proceedings of the First ACM International Conference on	
		Digital Libraries, (1996),11-18	
		NEUSCHMIED, HELMUT, et al., "Content-based Identification of Audio Titles on	
		the Internet", Proceedings of the First International Conference on WEB	
		Delivering of Music, (2001),5 pages	<u> </u>
		OOSTVEEN, J., et al., "Feature Extraction and a Database Strategy for Video	
		Fingerprinting", Lecture Notes in Computer Science, 2314, (3/11/2002),117-128	
		OOSTVEEN, JOB, "Visual Hashing of Digital Video: Applications and	
		Techniques", 11 pages	<u> </u>

EXAMINER DATE CONSIDERED

PTO/SB/08A(10-01)
Approved for use through 10/31/2002. ONB 651-0031
US Patent & Tradement Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number, Substitute for form 1449A/PTO Complete if Known INFORMATION DISCLOSURE 10/073,772 **Application Number** 10/534,323 STATEMENT BY APPLICANT May 9, 2005 Filing Date (Use as many sheets as necessary) **First Named Inventor** Seo, Jin **Group Art Unit** 2624 **Examiner Name** Unknown Attorney Docket No: 2167.008US1 Sheet 5 of 5

		R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Tz
		RAJASEKARAN, P., et al., "Microcomputer Implementable Low Cost Speaker-	
		Independent Word Recognition", <u>IEEE International Conference on ICASSP '83.</u>	
		Acoustics, Speech, and Signal Processing, Abstract; page 754, right-hand	
		column, Appendix A, A.1, A.2; figure 1,(April 14-16, 1983),753-756	<u> </u>
		RHOADS, GEOFFREY B., et al., "Managing on-line media library through links	
		in media signals", Provisional application serial number 60/178,028,	
		SCHNEIDER, MARC, et al., "A Robust Content Based Digital Signature for	
		Image Authentication", International Conference on Image Processing, 1996.	
		<u>Proceedings., Volume 3, (1996),227-230</u>	
		SCHNEIER, BRUCE, "Chapter 16, Pseudo random sequence generators", <u>In</u>	
		Applied Cryptography, John Wiley & Sons, New York, US, (1996),372-379	
		SUBRAMANYA, S R., et al., "Transform-Based Indexing of Audio Data for	
		Multimedia Databases", <u>1997 IEEE</u> , (1997),211-218	
		WELLS, MAXWELL J., et al., "Music Search Methods Based on Human	
		Perception", Application Serial No. 09/556086 filed April 21, 2000,	1
		WELSH, MATT, et al., "Querying Large Collections of Music for Similarity",	
		Technical Report UCB/CSD00 -1096, U.C. Berkeley Computer Science Division,	
		Research sponsored by Advanced Research Projects Agency under grant	
		DABT63-98-C-0038, and equipment grant from Intel Corp.,(Nov., 1999),13	
		pages	
		WOLD, E., "Content-based classification, search, and retrieval of audio", IEEE	
		MultiMedia, 3(3), (Fall 1996),27-36	
		YANG, CHENG, "MACS: Music Audio Characteristic Sequence Indexing for	
		Similarity Retrieval", Supported by Leonard J. Shustek Fellowship, Stanford	
		Graduate Fellowship program, and NSF Grant IIS-9811904 New Paltz, New	
		<u>York</u> , (October 2001),123-126	